

What is claimed is:

1. A developer regulating member for regulating an amount of developer carried on a developer carrying member, comprising:

a base; and

an elastic member provided on said base and pressed against said developer carrying member, said elastic member having a resistance of $10^4 \Omega$ or more and a thickness of 300 μm or less.

2. A developer regulating member according to claim 1, wherein said elastic member has a thickness of 5 to 200 μm .

3. A developer regulating member according to claim 1, wherein said elastic member contains polyamide.

4. A developer regulating member according to claim 1, wherein said elastic member comprises rubber.

5. A developer regulating member according to claim 1, wherein said base comprises an elastic plate.

6. A developer regulating member according to claim 1 or 5, wherein said base comprises a metal.

7. A developer regulating member according to claim 1, wherein the thickness of said elastic member is smaller than that of said base.

8. A developer regulating member according to claim 1, wherein said developer regulating member is urged against said developer carrying member with a pressure of 25 to 35 g/cm.

9. A developer regulating member according to claim 3, wherein said elastic member contains polyether.

10. A developer regulating member according to claim 9, wherein said elastic member comprises the polyamide and polyether bonded through an ester bond or amide bond.

11. A developer regulating member according to claim 1, wherein the developer is a non-magnetic one-component developer.

12. A developer regulating member according to claim 11, wherein the developer is toner having shape factors SF-1 of 100 to 180 and SF-2 of 100 to 140.

13. A developer regulating member according to claim 11, wherein the developer has a number percentage of toner particles having a weight average particle size of 4 μ m or

less of 30% or less.

14. A developer regulating member for regulating the amount of developer carried on a developer carrying member, comprising:

a base; and

an elastic member provided on said base and pressed against said developer carrying member, said elastic member containing polyamide and having a thickness of 5 to 300 μm .

15. A developer regulating member according to claim 14, wherein said elastic member has a thickness of 5 to 200 μm .

16. A developer regulating member according to claim 14, wherein said elastic member comprises rubber.

17. A developer regulating member according to claim 14, wherein said base comprises an elastic plate.

18. A developer regulating member according to claim 14 or 17, wherein said base comprises a metal.

19. A developer regulating member according to claim 14, wherein the thickness of said elastic member is smaller than that of said base.

20. A developer regulating member according to claim 14, wherein said developer regulating member is urged against said developer carrying member with a pressure of 25 to 35 g/cm.

21. A developer regulating member according to claim 14, wherein said elastic member contains polyether.

22. A developer regulating member according to claim 21, wherein said elastic member comprises the polyamide and polyether bonded through an ester bond or amide bond.

23. A developer regulating member according to claim 14, wherein the developer is a non-magnetic one-component developer.

24. A developer regulating member according to claim 23, wherein the developer is toner having shape factors SF-1 of 100 to 180 and SF-2 of 100 to 140.

25. A developer regulating member according to claim 23, wherein the developer has a number percentage of toner particles having a weight average particle size of 4 μ m or less of 30% or less.

26. A developing apparatus comprising:
a developer carrying member for carrying a developer,

said developer carrying member developing an electrostatic image formed on an image bearing member with the developer; and

a developer regulating member for regulating an amount of the developer carried on said developer carrying member: in which said developer regulating member comprises a base, and an elastic member provided on said base and pressed against said developer carrying member; and said elastic member has a resistance of $10^4 \Omega$ or more and a thickness of 300 μm or less.

27. A developing apparatus according to claim 26, wherein said developer regulating member has a potential identical with that of said developer carrying member.

28. A developing apparatus according to claim 26, wherein said elastic member has a thickness of 5 to 200 μm .

29. A developing apparatus according to claim 26, wherein said elastic member contains polyamide.

30. A developing apparatus according to claim 29, wherein said elastic member comprises rubber.

31. A developing apparatus according to claim 26, wherein said base comprises an elastic plate.

32. A developing apparatus according to claim 26 or 31, wherein said base comprises a metal.

33. A developing apparatus according to claim 26, wherein the thickness of said elastic member is smaller than that of said base.

34. A developing apparatus according to claim 26, wherein said developer regulating member is urged against said developer carrying member with a pressure of 25 to 35 g/cm.

35. A developing apparatus according to claim 29, wherein said elastic member contains polyether.

36. A developing apparatus according to claim 35, wherein said elastic member comprises the polyamide and polyether bonded through an ester bond or amide bond.

37. A developing apparatus according to claim 29, wherein the developer is a non-magnetic one-component developer.

38. A developing apparatus according to claim 37, wherein the developer is toner having shape factors SF-1 of 100 to 180 and SF-2 of 100 to 140.

10079894-022202

39. A developing apparatus according to claim 37, wherein the developer has a number percentage of toner particles having a weight average particle size of 4 μm or less of 30% or less.

40. A developing apparatus according to claim 26, wherein said developing apparatus together with said image bearing member is provided in a process cartridge detachably attachable to a body of an image forming apparatus.

41. A developing apparatus according to claim 26, wherein said developer carrying member is an elastic member.

42. A developing apparatus comprising:

a developer carrying member for carrying a developer, said developer carrying member developing an electrostatic image formed on an image bearing member with the developer; and

a developer regulating member for regulating an amount of the developer carried on said developer carrying member: in which said developer regulating member comprises a base, and an elastic member provided on said base and pressed against said developer carrying member; and said elastic member contains polyamide and has a thickness of 5 to 300 μm .

43. A developing apparatus according to claim 42, wherein said developer regulating member has a potential

identical with that of said developer carrying member.

44. A developing apparatus according to claim 42, wherein said elastic member has a thickness of 5 to 200 μm .

45. A developing apparatus according to claim 42, wherein said elastic member comprises rubber.

46. A developing apparatus according to claim 42, wherein said base comprises an elastic plate.

47. A developing apparatus according to claim 42 or 46, wherein said base comprises a metal.

48. A developing apparatus according to claim 42, wherein the thickness of said elastic member is smaller than that of said base.

49. A developing apparatus according to claim 42, wherein said developer regulating member is urged against said developer carrying member with a pressure of 25 to 35 g/cm.

50. A developing apparatus according to claim 42, wherein said elastic member contains polyether.

51. A developing apparatus according to claim 50,

wherein said elastic member comprises the polyamide and polyether bonded through an ester bond or amide bond.

52. A developing apparatus according to claim 42, wherein the developer is a non-magnetic one-component developer.

53. A developing apparatus according to claim 52, wherein the developer is toner having shape factors SF-1 of 100 to 180 and SF-2 of 100 to 140.

54. A developing apparatus according to claim 52, wherein the developer has a number percentage of toner particles having a weight average particle size of 4 μm or less of 30% or less.

55. A developing apparatus according to claim 42, wherein said developing apparatus together with said image bearing member is provided in a process cartridge detachably attachable to a body of an image forming apparatus.

56. A developing apparatus according to claim 42, wherein said developer carrying member is an elastic member.

202220-45852007